

## Role of Covid-19 in Nano Technology

Abhishek Tripathi\*

Department of Biotechnology, Meerut Institute of Engineering and Technology, Meerut, India

\***Corresponding author:** Abhishek Tripathi, Department of Biotechnology, Meerut Institute of Engineering and Technology, Meerut, India, E-Mail: abhishek.tripathi.bt.2017@miet.ac.in

**Received:** June 03, 2021; **Accepted:** June 10, 2021; **Published:** July 10, 2021

### Opinion

Covid 2019 is spreading and emerging rapidly all over the world as a new social disaster. This virus is accountable for the continuous epidemic that causes severe respiratory problems and *pneumonia* related to contamination of humans, which leads to a dangerous condition of life. Due to the increasing threatening number of cases all over the world, the World Health Organization (WHO) declared coronavirus as a global health emergency. The pandemic disease affected nearly 80 million people positive cases were reported worldwide till now and cause the death of more than 1.7 million people. The virus has novel characteristics types of pathogens. Many clarifications are done and much more are still unknown and pending. The collaborative research will be useful during this pandemic time to meet the improvement of global health improvement. It will also help to know about the knowledge of this COVID-19. Recent advancements in nanotechnology proved that they can help in the production of vaccines in a brief timeframe. In this review, the requirement for quick immunization improvement and the capability and implementation of nanotechnology combat against coronavirus disease were discussed. The worldwide health framework comprises a system of associations that includes numerous private and general health divisions working at various provincial or worldwide levels that have built up a stringent structure that can protect the people effectively against rising and re-emerging maladies. Although mortality related to different irresistible ailments have diminished currently and the worldwide future has expanded in numerous parts of the world even though the danger of this pandemic disease remains as one of the major worldwide difficulties and concerns still now as the most important and overall task even today. The emerging microbes which are Zika, Chikungunya, MERS and SARS, influenza are responsible for the increasing assortment of contaminated diseases.

Coronavirus is an outbreak disease which was first emerged in Wuhan City, Hubei Province, China. Most of the nanotechnology licenses on coronaviruses have focused on diagnostics, vaccines, and treatment procedures against sicknesses due to these contaminations. Human coronavirus (HCoV) is a critical social threat that is acknowledged as respiration microbes related to lung and abdominal impurities and pneumonia. The beta coronaviruses, a Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV) first emerged in Guangdong Province, China in 2003. Also, the Middle East Respiratory Syndrome Coronavirus (mERS-CoV) diseases erupted in 2012 in the Middle East and realized high pathogenicity to individuals, who showed the contamination once. This virus has been transferred from animals species to humans. These two diseases were acknowledged to be evoked from bats and right now are transferred to individuals.

Sustainable development is a new concept to play a vital role in the growth of societies. Reasonable economic loss on one hand of the scale and the improvement in air quality on the other may fundamentally affect the future plan of this world. The COVID-19 is one of the most genuine difficulties since there has not been a lot of investigation concerning this issue. Even though the comprehension of COVID-19 is constrained, a breakthrough in research facility bio care was presented by the WHO.